



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 2-32) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. 238-47	SERIAL NO. 09/982,943
	APPLICANT Joseph L. Merenda	CONFIRMATION NO. 8245
	FILING DATE October 18, 2001	GROUP 2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
GN	4,747,160	05/24/88	Bossard	455	60	
J	6,229,395	05/08/01	Kay	830	252	

Technology Center 2600

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

GN		J.L. Meranda, D. Neuf, and P. Piro, "4 to 40 GHZ Even Harmonic Schottky Mixer", <u>IEEE MTT-S Digest</u> , pp. 695-698 (1988).
		Technical Data Sheet (HSCH-9301 & HSCH-9351), "GaAs Beam Lead Schottky Barrier Ring and Bridge Diodes", <u>Arilent Technologies</u> (1999).
		Technical Data Sheet (HMC259), "GaAs MMIC Sub-Harmonically Pumped Mixer 28-40 GHz", <u>Hittite Microwave Corporation</u> , pp. 4-112 - 4-117 (February 2001).
		Technical Data Sheet (HMC330), GaAs MMIC Sub-Harmonically Pumped Mixer 25-40 GHz", <u>Hittite Microwave Corporation</u> , pp. 4-204 - 4-209 (February 2001).
		M. Cohn, J.E. Degenford, and B.A. Newman, "Harmonic Mixing with an Anti-Parallel Diode Pair", <u>IEEE S-MITT International Microwave Symposium Digest</u> , pp. 171-172 (June 1974).

EXAMINER

Simon Nguyen

DATE CONSIDERED

10/26/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with applicant.

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	APPLICANT Joseph L. Merenda	CONFIRMATION NO. Unassigned
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10/18/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
SPN	6,141,557	10/31/00	Dipiazza	455	446	
	5,995,819	11/30/99	Yamaji, et al.	455	326	
	5,875,396	02/23/99	Stockton, et al.	455	562	
	5,844,939	12/01/98	Scherer, et al.	455	76	
	5,787,126	07/28/98	Itoh, et al.	375	340	
	5,771,449	06/23/98	Blasing, et al.	455	1	
	5,553,319	09/03/96	Tanbakuchi	455	326	
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	5,416,449	05/16/95	Joshi	455	109	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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10/26/01

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